CUSHMAN DARBY & CUSHMAN, L.L.P.

Telefacsimile G3/2

ATTORNEYS AT LAW

Telex No. & Reply 6714627 CUSH

(202) 822-0944

NINTH FLOOR, 1100 NEW YORK AVENUE, N.W.

(202) 822-0678

WASHINGTON, D.C. 20005-3918

(202) 822-06AX COPY RECEIVED

TELEPHONE (202) 861-3000

DEC 1 & 1995

FACSIMILE TRANSMISSION

Date: December 18, 1995

GROUP 1100

TO:

FIRM : U.S. Patent and Trademark Office

ATTN : Examiner S. Hendrickson, Group 1103

TELECOPIER # : 305-3599

SUBJECT: Application Serial No. 08/319,490

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MESSAGE

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RESPONSE UNDER 37 CFR 1.116 18/8/45 -EXPEDITED PROCEDURE-

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

ESCH et al.

Group Art Unit: 1103

Appln. No.: 08/319,490

Examiner: S. Hendrickson

Filed: October 7, 1994

FOR: PRECIPITATED SILICAS

December 14, 1995

AMENDMENT

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

sir:

In response to the Official Action dated October 6, kindly enter the following amendments and remarks.

IN THE CLAIMS:

Kindly amend the claims as follows:

1. (Twice Amended) Precipitated silica having the following physico-chemical properties:

BET surface area

35 to 350 m²/g

BET/CTAB surface area ratio

0.8 to 1.1

Pore volume, PV

1.6 to 3.4 ml/g

silanol group density. [(ml

= NaOH consumption]ml of NaOH

consumed in raising pH to 9

6 to 20 ml

Average aggregate size

250 to 1500 nm

CTAB surface area

30 to 350 m²/g